



# INSENSIV

## PODCOPTER CABLE TETHERED DRONE AS A SENSOR CARRIER PLATFORM

The PodCopter uses image processing technology for the permanent and autonomous control in monitoring operations. It flies in a predetermined position to the vehicle without time limitation. This allows the use of versatile sensors.

- Automated start, flight and landing
- Automatic positioning to the vehicle also while driving
- 100% autonomously flying system
- Individual position setting by the vehicle driver depending on the application
- Unlimited flight time due to power supply via cable



### Technical data:

#### PodCopter:

- Dimensions: 105 x 105 x 50 cm
- Weight: 6 kg
- Design: carbon fiber monocoque
- Loading weight sensors: 1,5 kg
- Cable length (current): 28 m (up to 60 m possible)
- Driving speed: up to 20 km/h
- Image transmission and control via cable (tap-proof)

#### Carrier platform:

- Dimensions: 110 x 110 x 30 cm
- Weight: 50 kg
- Power supply: 12 V / 100 A

### Areas of application:

- Universally usable for cameras in outdoor surveillance
  - **Securing of border regions & perimeter protections**
  - **Monitoring of security areas** as e.g. accident scenes
  - **Video monitoring** of e.g. major events
- Usable sensors (also in combination):
  - Thermal imaging camera
  - Zoom camera
  - 3D stereo camera

Supported by:



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